

Attorney's Docket No. 5649-483CTDV

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Seung-Hwan Lee et al.

Serial No.: To Be Assigned

Filed: Concurrently Herewith

For: INTEGRATED CIRCUIT CAPACITORS HAVING DOPED HSG ELECTRODES

August 5, 2003

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

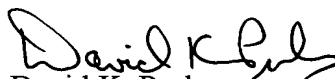
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on form PTO-1449. Items 1-66 listed on the PTO-1449 were cited in parent application Serial No. 09/735,244, filed December 12, 2000. Since the benefit of this application is claimed under 35 U.S.C. §120, no copies need to be furnished in accordance with 37 C.F.R. §1.98(d); however, copies will be furnished on request. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. §1.97 and Section 609 of the MPEP.

Respectfully submitted,



David K. Purks

Registration No. 40,133

USPTO Customer No. 20792

Myers Bigel Sibley & Sajovec

Post Office Box 37428

Raleigh, North Carolina 27627

Telephone: 919/854-1400

Facsimile: 919/854-1401

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV 318420956 US

Date of Deposit: August 5, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Candi L. Riggs

Date of Signature: August 5, 2003

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number 5649-483CTDV		Serial No. To be assigned	
				Applicants: Seung-Hwan Lee et al.			
				Filing Date: Concurrently herewith		Group: To be assigned	
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1	6,218,260	4/2001	Lee et al.	438	398	
	2	5,989,973	11/1999	Zahurak et al.	438	398	
	3	5,899,725	05/04/99	Harshfield	438	398	
	4	5,897,352	04/27/99	Lin et al.	438	255	
	5	5,891,744	04/06/99	Lowrey et al.	438	14	
	6	5,885,869	03/23/99	Turner et al.	438	261	
	7	5,885,867	03/23/99	Shin et al.	438	255	
	8	5,874,336	02/23/99	Cherng	438	255	
	9	5,872,033	02/16/99	Figura	438	255	
	10	5,837,581	11/17/98	Cheng	438	255	
	11	5,821,152	10/13/98	Han et al.	438	398	
	12	5,817,555	10/06/98	Cho	438	253	
	13	5,811,333	9/22/98	Zenke	438	255	
	14	5,804,480	09/08/98	Lu et al.	438	253	
	15	5,798,280	08/25/98	Mathews et al.	437	165	
	16	5,763,306	6/9/98	Tsai	438	255	
	17	5,759,894	06/02/98	Tseng et al.	438	255	
	18	5,759,262	06/02/98	Weimer et al.	117	88	
	19	5,753,559	05/19/98	Yew et al.	438	398	
	20	5,741,734	4/21/98	Lee	438	235	
	21	5,726,085	03/10/98	Crenshaw et al.	438	255	
	22	5,721,171	2/24/98	Ping et al.	438	398	
	23	5,721,153	02/24/98	Kim et al.	437	60	
	24	5,696,014	12/09/97	Figura	437	52	
	25	5,691,228	11/25/97	Ping et al.	437	60	
	26	5,663,090	09/02/97	Dennison et al.	438	398	

 EXAMINER _____
 *EXAMINER _____

DATE CONSIDERED _____

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)					Attorney Docket Number 5649-483CTDV		Serial No. To be assigned		
								Applicants: Seung-Hwan Lee et al.	
								Filing Date: Concurrently herewith	Group: To be assigned
	27	5,663,085	9/2/97	Tanigawa	438	255			
	28	5,658,381	08/19/97	Thakur et al.	257	309			
	29	5,656,531	08/12/97	Thakur et al.	438	398			
	30	5,639,685	06/17/97	Zahurak et al.	437	60			
	31	5,634,974	06/03/97	Weimer et al.	117	103			
	32	5,629,223	05/13/97	Thakur	438	398			
	33	5,623,243	04/22/97	Watanabe et al.	257	309			
	34	5,623,243	04/22/97	Watanabe et al.	257	309			
	35	5,622,889	04/22/97	Yoo et al.	438	397			
	36	5,618,747	4/8/97	Lou	438	398			
	37	5,612,558	03/18/97	Harshfield	257	298			
	38	5,608,247	03/04/97	Brown	257	306			
	39	5,597,754	1/28/97	Lou et al.	437	52			
	40	5,554,557	09/10/96	Koh	437	52			
	41	5,492,850	02/20/96	Ryou	437	52			
	42	5,486,488	01/23/96	Kamiyama	437	60			
	43	5,486,488	01/23/96	Kamiyama	437	60			
	44	5,459,345	10/17/95	Okudaira et al.	257	310			
	45	5,452,178	09/19/95	Emesh et al.	361	303			
	46	5,447,881	09/05/95	Ryou	437	60			
	47	5,447,878	09/05/95	Park et al.	437	52			
	48	5,407,534	04/18/95	Thakur	156	662			
	49	5,385,863	01/31/95	Tatsumi et al.	437	109			
	50	5,362,632	11/08/94	Mathews	437	47			
	51	5,358,888	10/25/94	Ahn et al.	437	52			
	52	5,352,623	10/04/94	Kamiyama	437	52			
	53	5,330,614	7/19/94	Ahn	156	631			
	54	5,278,091	01/11/94	Fazan et al.	437	52			
	55	5,234,857	8/10/93	Kim et al.	437	47			
	56	5,227,651	7/13/93	Kim et al.	257	309			

 EXAMINER
 *EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)					Attorney Docket Number 5649-483CTDV		Serial No. To be assigned
					Applicants: Seung-Hwan Lee et al.		
					Filing Date: Concurrently herewith		Group: To be assigned
	57	5,208,479	5/4/93	Mathews et al.	257	534	
	58	5,142,438	08/25/92	Reinberg	361	313	
	59	5,102,820	4/7/92	Chiba	437	52	
	60	4,636,833	1/13/87	Nishioka et al.	357	71	
	61	4,411,708	10/1983	Winham	148	1.5	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	62	8-298312	11/1996	Japan	H01L	27/108	No
	63	8-298312	11/1996	Japan	H01L	27/108	Yes (abstract)
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	64	Kamiyama et al., <i>Characterization of Ultra-Thin Capacitors Fabricated Using RTN Treatment Prior To CVD Ta₂O₅ Film Formation</i> , Extended Abstracts of the 1992 International Conference on Solid State Devices and Materials, Tsukuba, 1992, pp. 521-523.					
	65	Watanabe et al., "A New Cylindrical Capacitor Using Hemispherical Grained Si (HSG-Si) for 256 Mb DRAMs," IEEE, 1992, pp. 10.1.1-10.1.4					
	66	First Office Action in Chinese Patent Application No. 98106601.1; January 17, 2003.					

 EXAMINER
 *EXAMINER

DATE CONSIDERED

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.